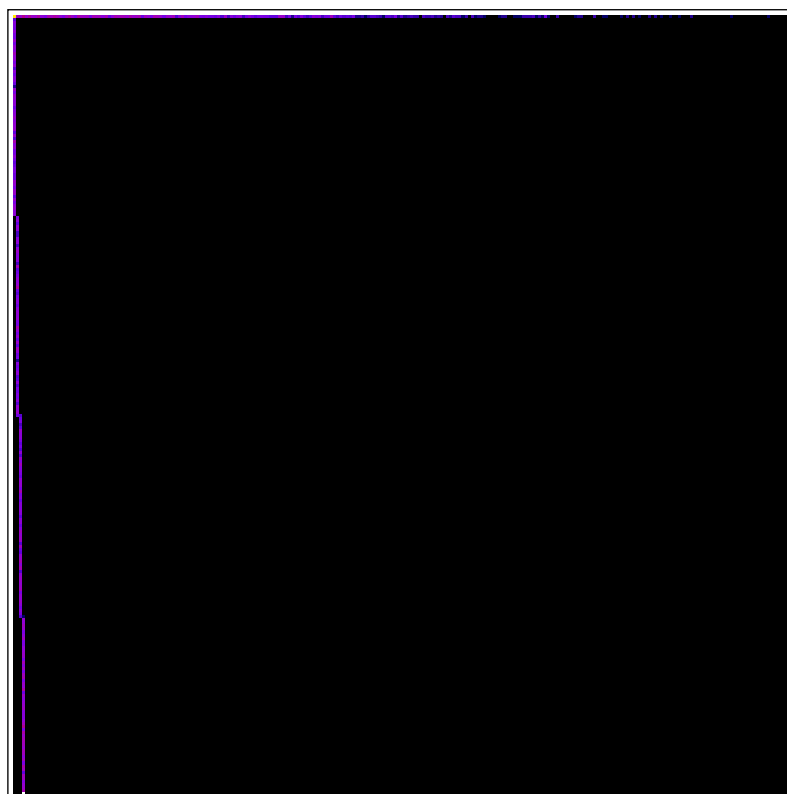


Li - Ch1

256.0 x 256.0

Channel 2
C2-Composite

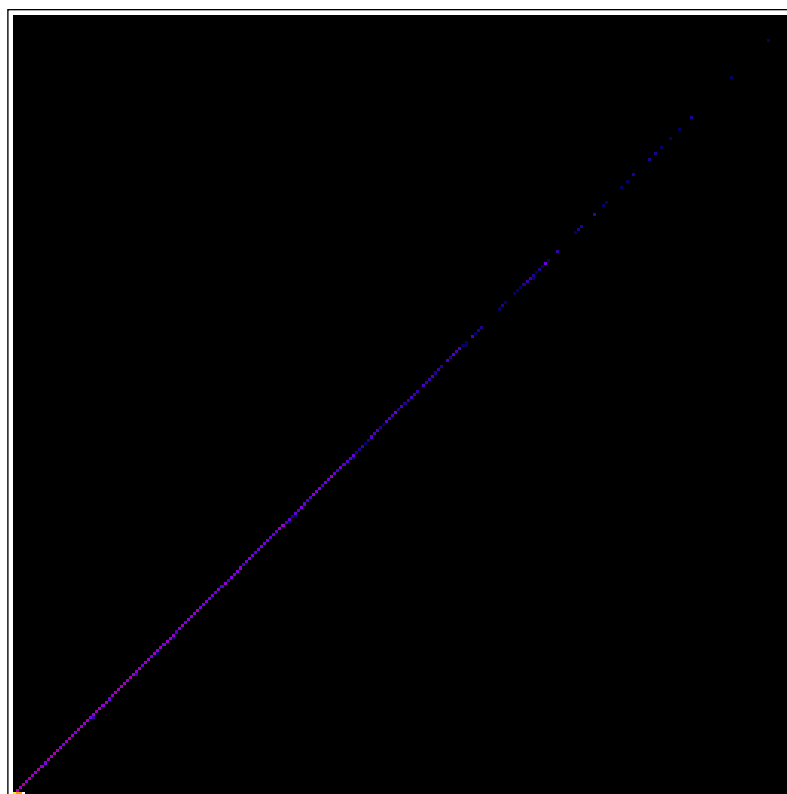


Channel 1
C1-Composite

Li - Ch2

256.0 x 256.0

Channel 2
C2-Composite

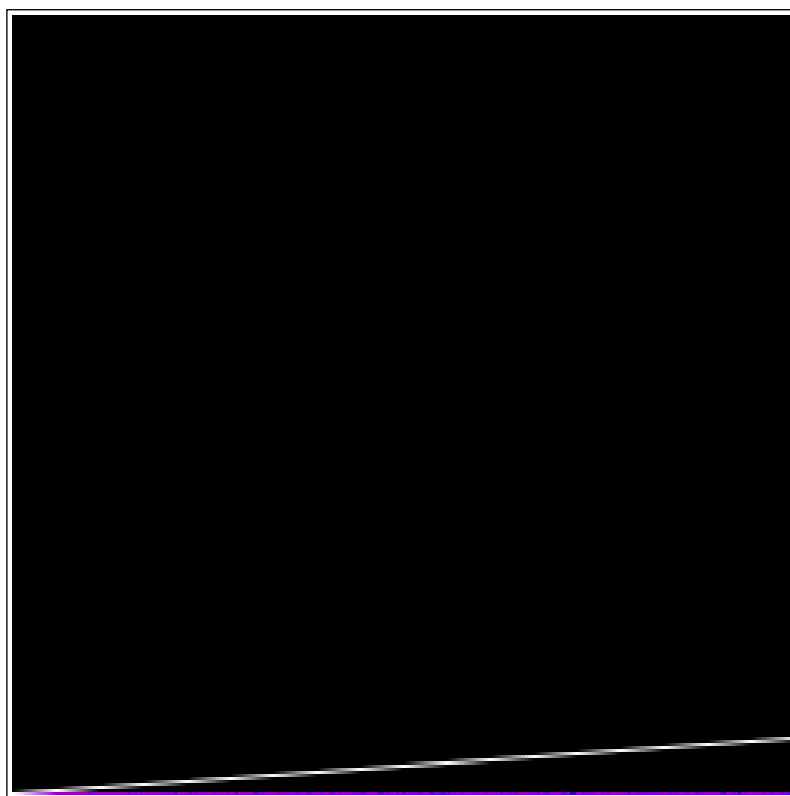


Channel 1
C1-Composite

2D intensity histogram

256.0 x 256.0

Channel 2
C2-Composite



Channel 1
C1-Composite

Channel 1 (Max Projection)

55.0 x 67.0

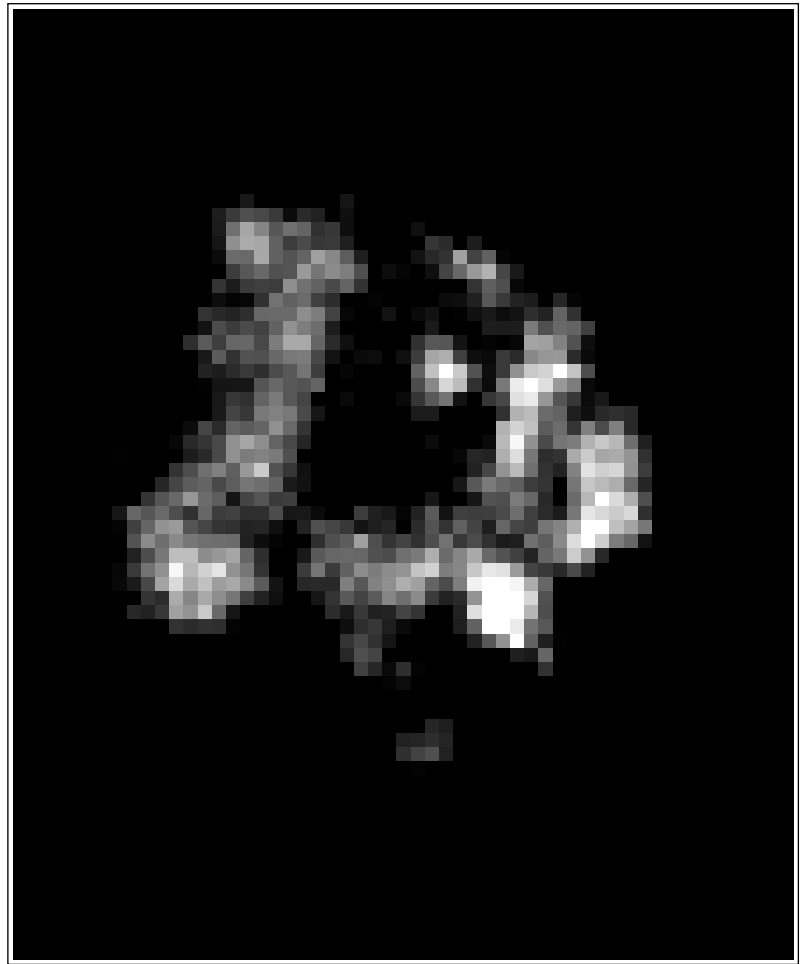
Channel 2
C2-Composite



Channel 1
C1-Composite

Channel 2 (Max Projection)
55.0 x 67.0

Channel 2
C2-Composite



Channel 1
C1-Composite

Warning! Problem with input data - Pearson correlation: A numerical problem occurred: the input data is unsuitable for this algorithm. Possibly too few pixels (in range were: 28762).

Warning! Zero-zero ratio too high - The ratio between zero-zero pixels and other pixels is large: 0.76. Maybe you should use a ROI.

Warning! Saturated ch1 ratio too high - The ratio between saturated pixels and other pixels in channel one is large: 0.10. Maybe you should use a ROI.

Warning! Saturated ch2 ratio too high - The ratio between saturated pixels and other pixels in channel two is large: 0.10. Maybe you should use a ROI.

Warning! y-intercept far from zero - The ratio of the y-intercept of the auto threshold regression line to the mean value of Channel 2 is high. This means the y-intercept is far from zero, implying a significant positive or negative zero offset in the image data intensities. Maybe you should use a ROI. Maybe do a background subtraction in both channels. Make sure you didn't clip off the low intensities to zero. This might not affect Pearson's correlation values very much, but might harm other results.

Warning! thresholds too low - The auto threshold method could not find a positive threshold, so thresholded results are meaningless.

Coloc_Job_Name: Colocalization_of_C1-Composite_versus_C2-Composite_780290369

% zero-zero pixels: 76.27

% saturated ch1 pixels: 31.45

% saturated ch2 pixels: 0.11

Channel 1 Max: 2195.000
Channel 2 Max: 2195.000
Channel 1 Min: 0.000
Channel 2 Min: 0.000
Channel 1 Mean: 428.004
Channel 2 Mean: 26.861
Channel 1 Integrated (Sum) Intensity: 16141310.000
Channel 2 Integrated (Sum) Intensity: 1013024.000
Mask Type Used: mask image
Mask ID Used: 780290369
m (slope): 0.07
b (y-intercept): -3.39
b to y-mean ratio: -0.13
Ch1 Max Threshold: 1.00
Ch2 Max Threshold: 0.00
Threshold regression: Costes
Pearson's R value (no threshold): 0.35
Pearson's R value (below threshold): NaN
Pearson's R value (above threshold): 0.21
Li's ICQ value: 0.325
Spearman's rank correlation value: 0.42619621
Spearman's correlation t-statistic: 91.4897
t-statistic degrees of freedom: 37711.000
Manders' M1 (Above zero intensity of Ch2): 0.231
Manders' M2 (Above zero intensity of Ch1): 1.000
Manders' tM1 (Above autothreshold of Ch2): 0.231
Manders' tM2 (Above autothreshold of Ch1): 1.000
Kendall's Tau-b rank correlation value: 0.4077
Costes P-Value: 1.00
Costes Shuffled Mean: 0.03
Costes Shuffled Std.D.: 0.05
Ratio of rand. Pearsons >= actual Pearsons value : 0.00